

V654Q/C651Q Installation Guide

[Ver.1.0]

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Product Description:

| | |
|--------------------|------------------------------------|
| Type: | LCD Display |
| Resolution: | 3840 x 2160 |
| Aspect Ratio: | 16:9 |
| EMI: | Class B |
| Power Consumption: | 410W (Max C651Q/V654Q) |
| BTU's: | 1399.09 BTU/hour (Max C651Q/V654Q) |

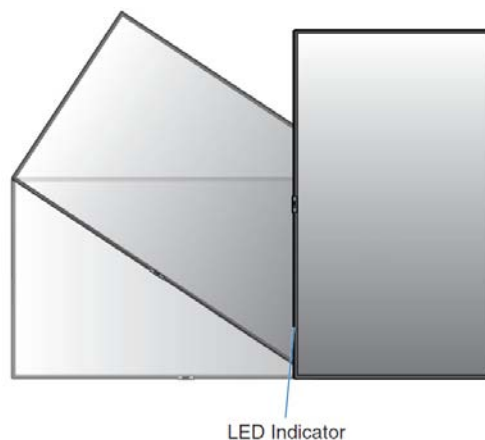
| | |
|---------------------------|----------------------------------|
| Dimensions without stand: | 57.4" (W) x 32.8" (L) x 3.1" (D) |
| Dimensions with stand: | 57.4"(W) x 34.2"(H) x 23.9"(D) |
| Weight without stand: | 89.5 lbs. / 40.6kg |
| Weight with stand: | 99.6 lbs. / 45.2kg |

NOTES:

- This document is intended to be used as a reference guide to supply useful information for a design or installation. It is not intended to be a step-by step procedure for installation.
- Any ceilings or walls must be strong enough to support the monitor and the installation must be in accordance with any local building codes. All mounts should make secure contact to wood studs.
- Distances are in inches, for millimeters multiply by 25.4.
- Distances may vary $\pm 5\%$.

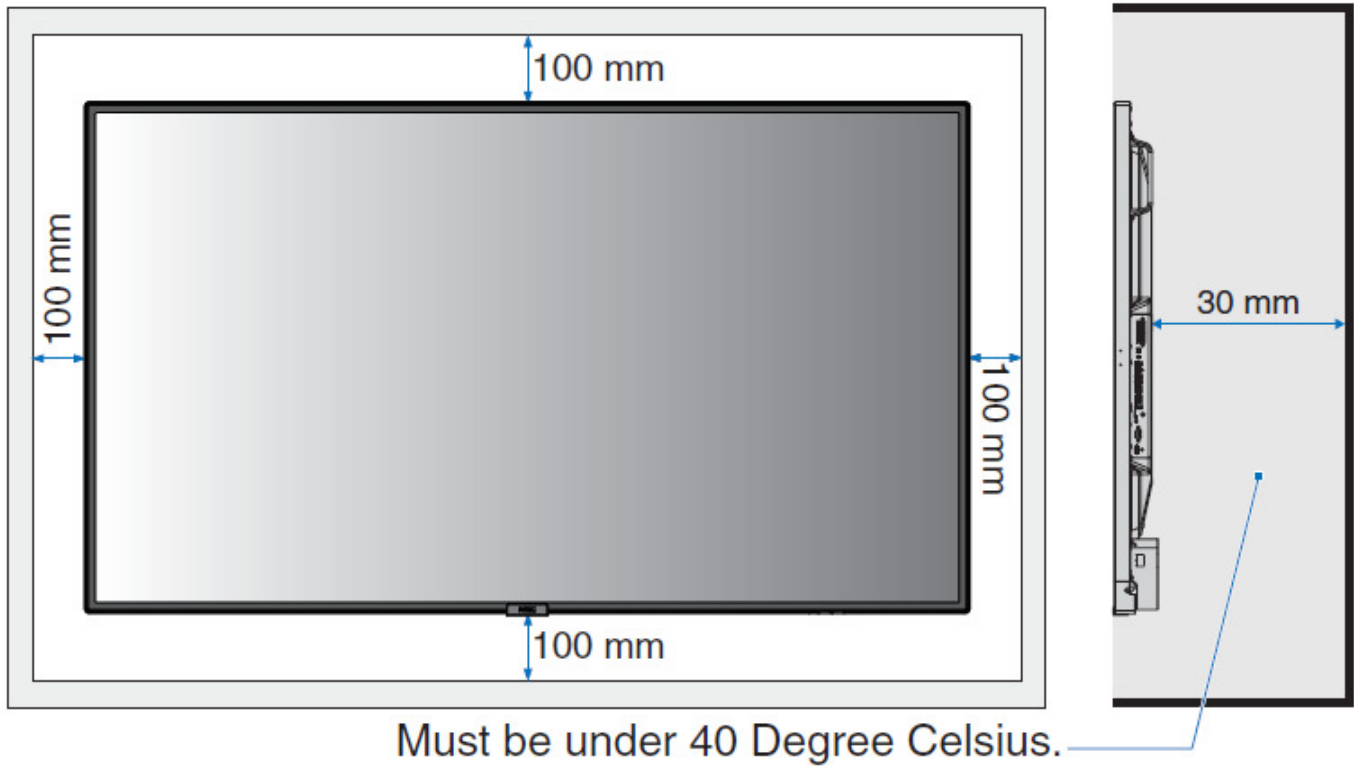
Tilt Angle and Rotation:

- Below is the maximum angle the monitor can be tilted. Note that the monitor can only be tilted in the landscape position.



Ventilation Recommendations:

Dimensions below are minimum recommended for proper ventilation.



NOTE:

- The ventilation space should not be covered or closed off at the front of the opening. If for some reason the opening needs to be covered, other means of ventilation will need to be incorporated into the design. Contact NEC for design review and recommendations.

Carrying Handle Positioning:

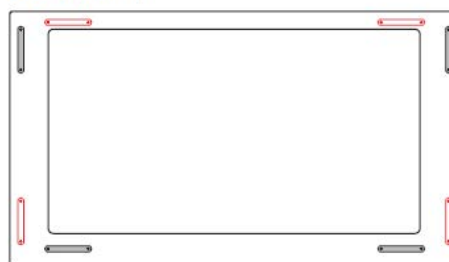
Changing handles position

•: Factory set position.

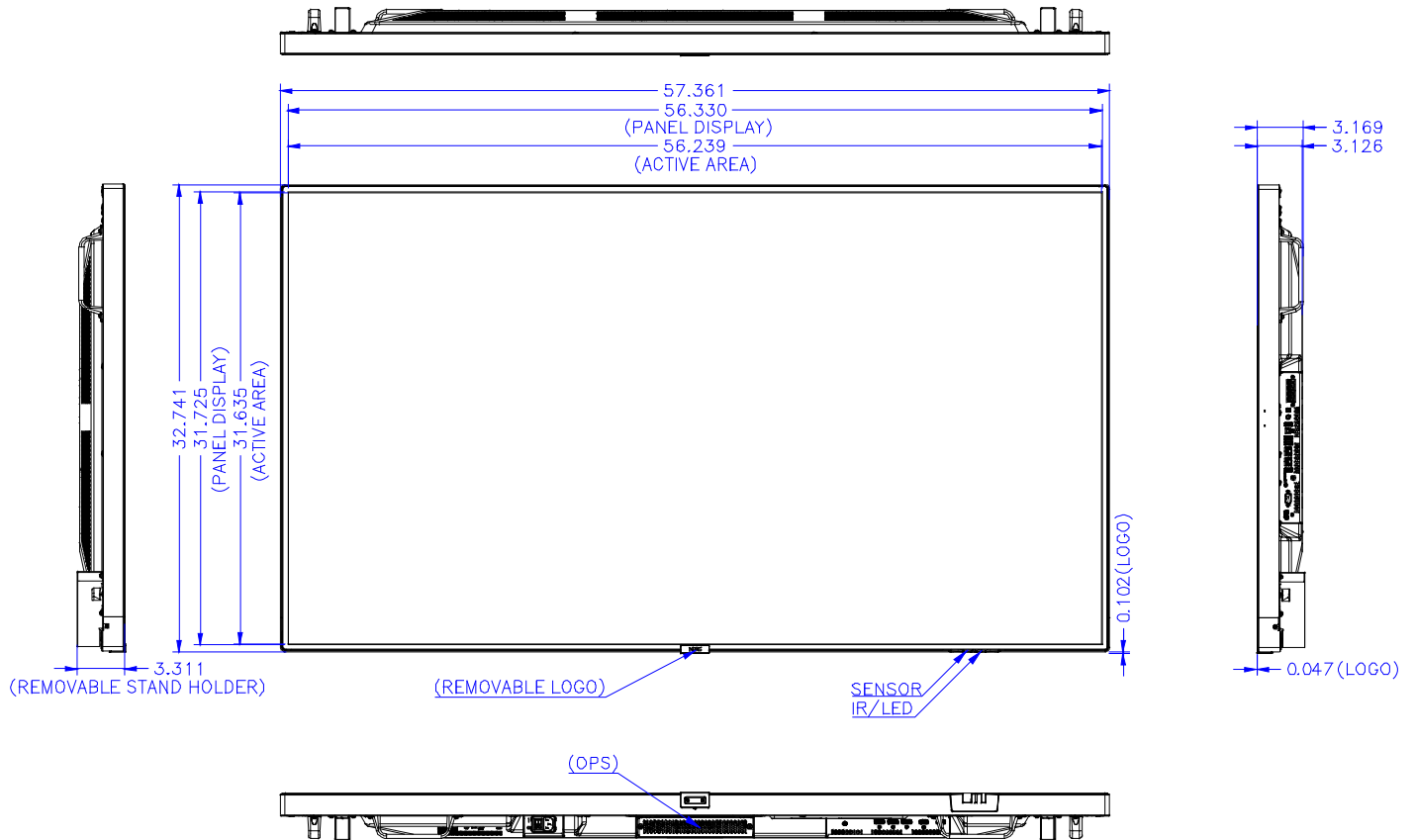
•: Alternate position.

CAUTION: Four or more handles are required when transporting. Ensure the handles are attached by the removed screws. (Recommended Fasten Force: 139 - 189 N•cm)

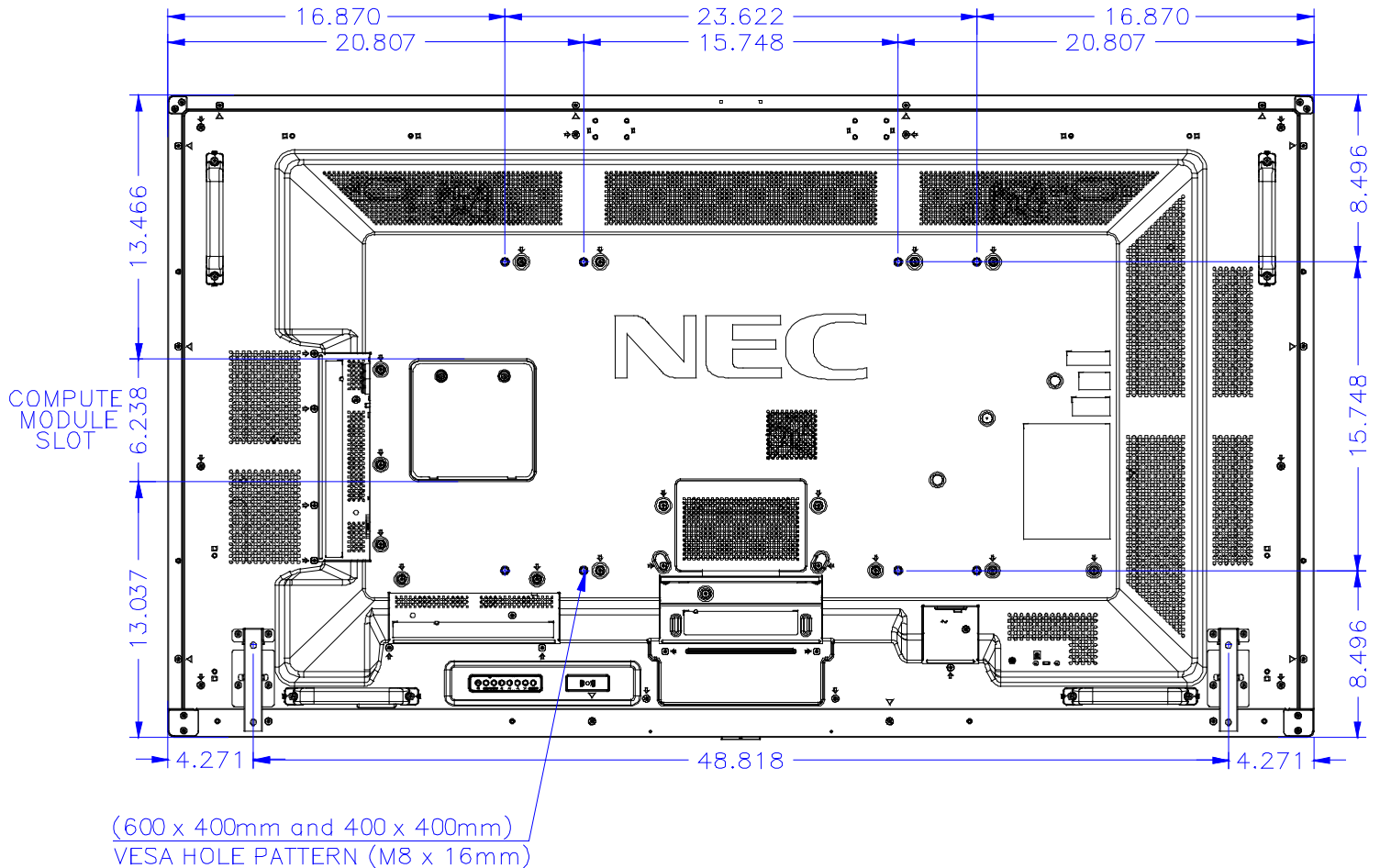
C651Q/C751Q



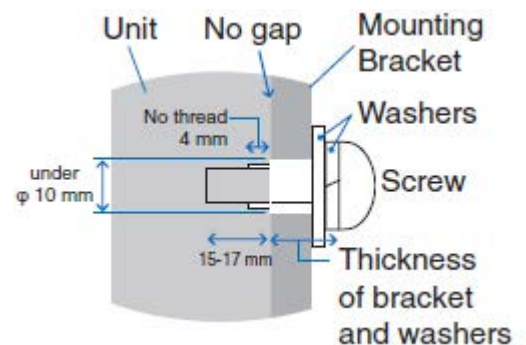
Display Dimensions:



Display Dimensions (cont.):



NEC strongly recommends using size M8 screws (15-17mm + the thickness of the bracket and washers in length). If using screws longer than 15-17mm, please check the depth of the hole.



Display Dimensions (with optional ST-801 stand):

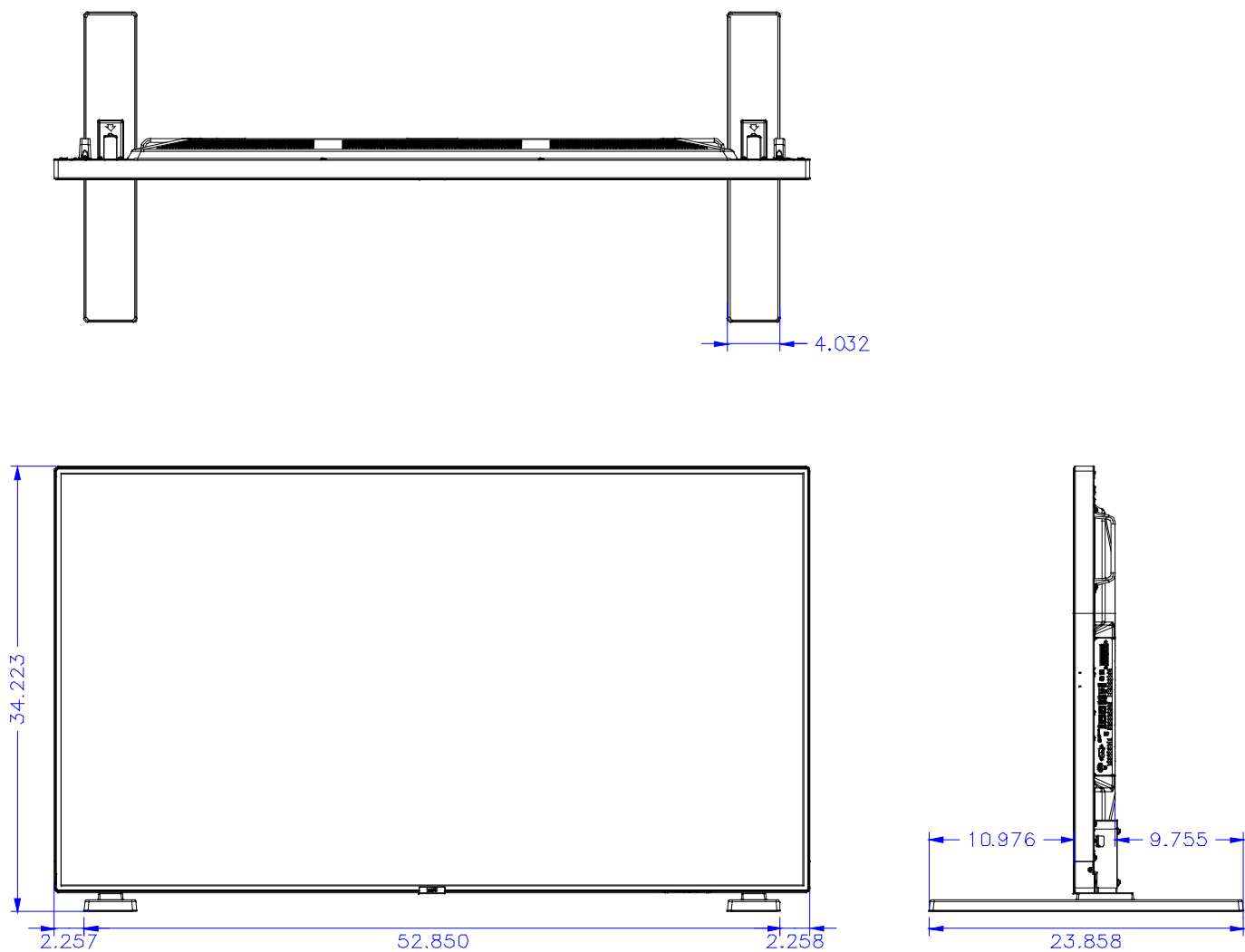
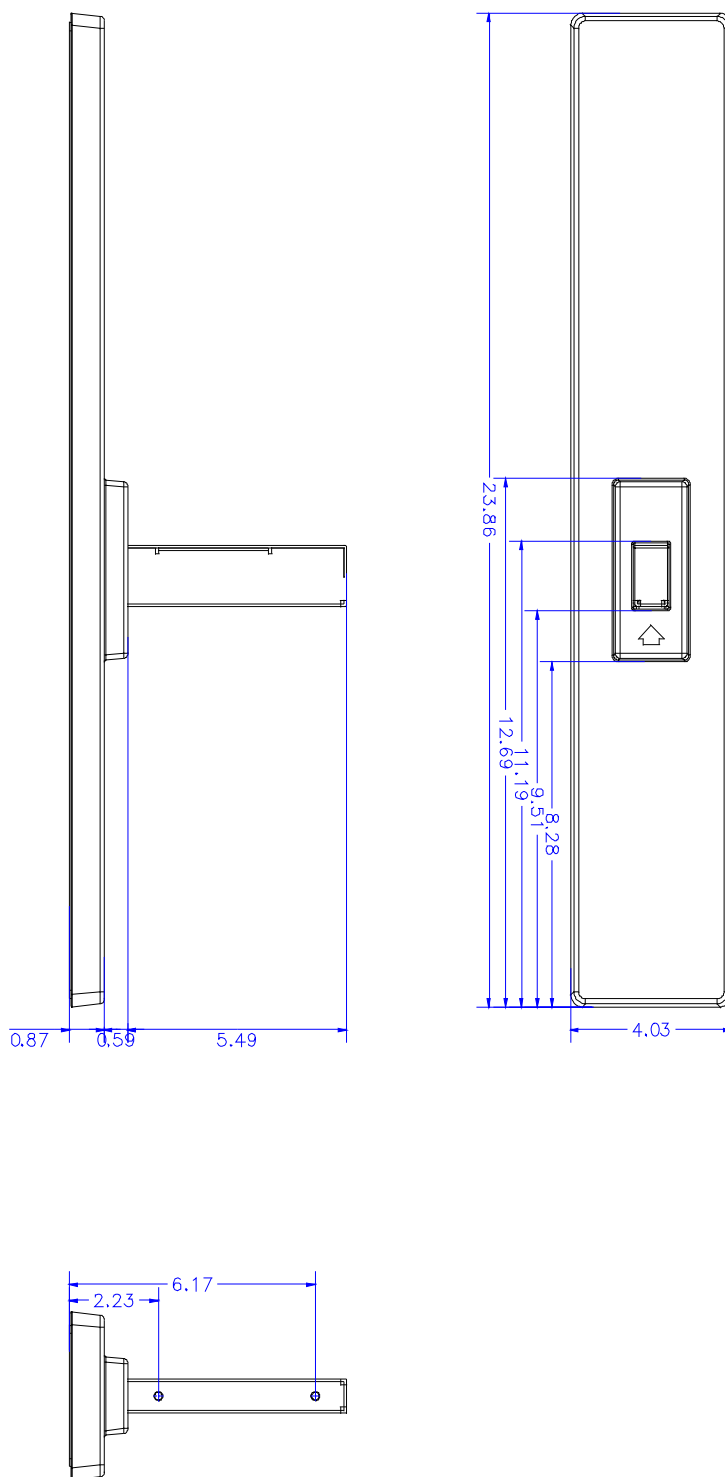
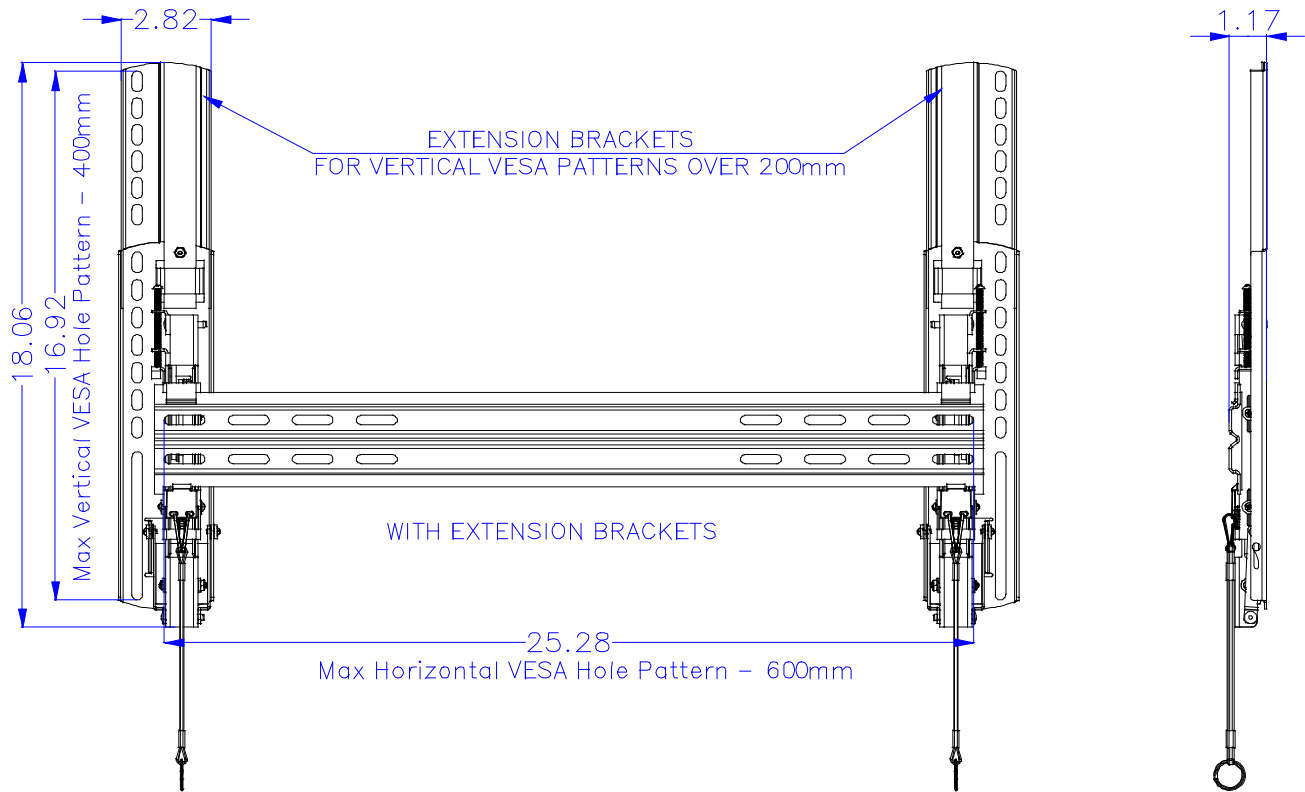


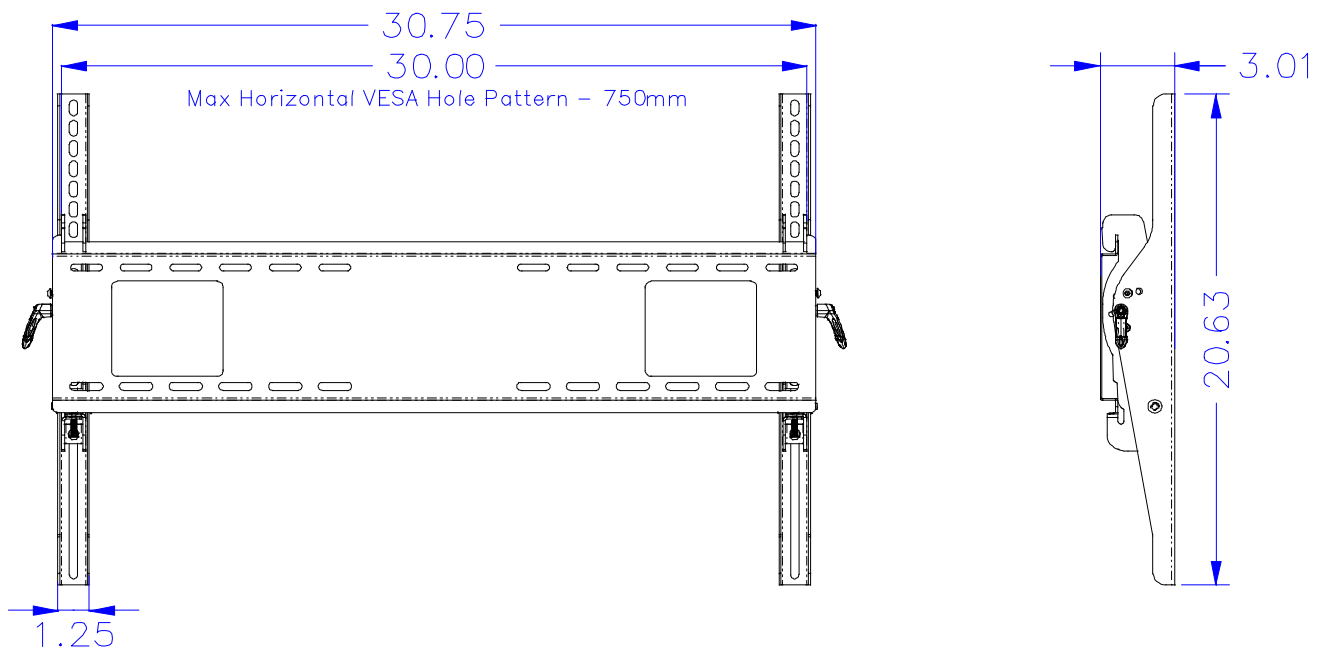
Table Top Stand Dimensions (ST-801):



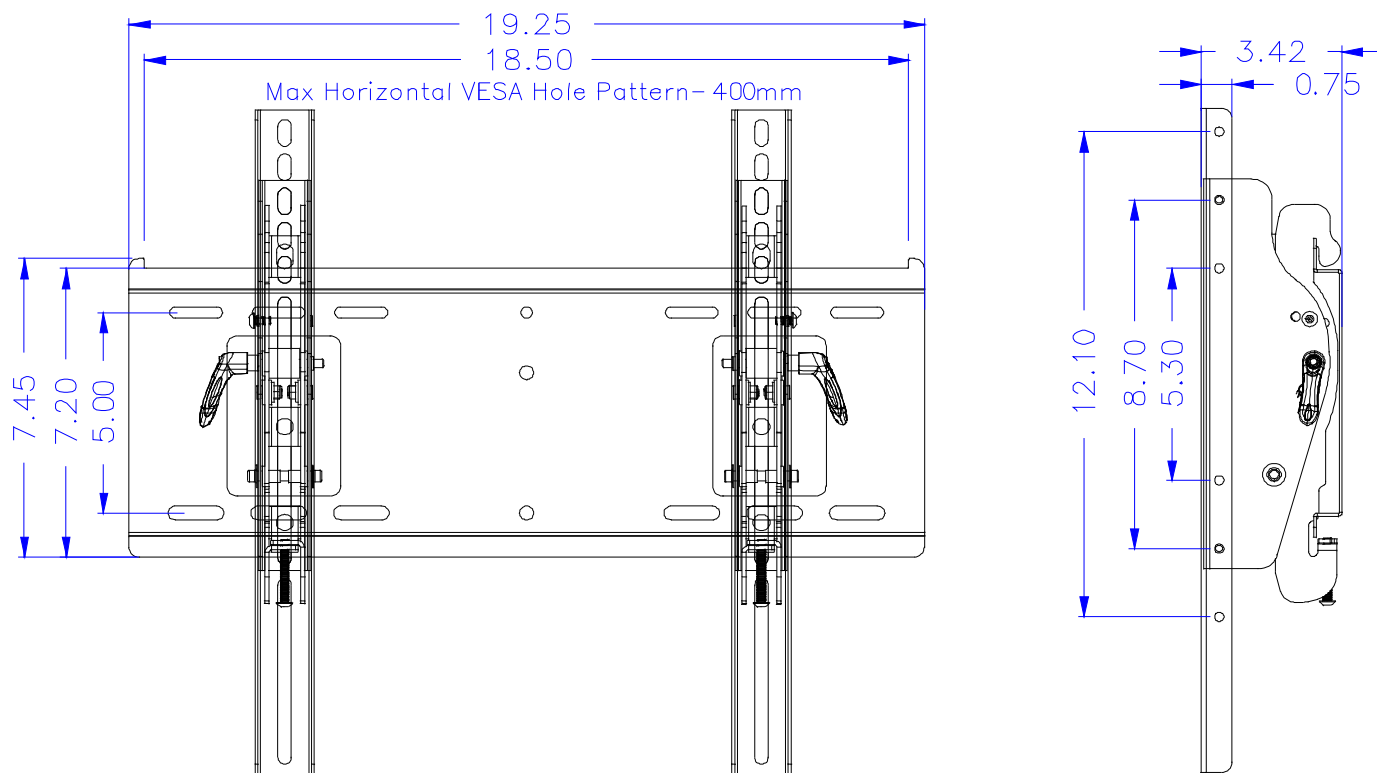
Optional Slim Wall Mount (WMK-3255S):



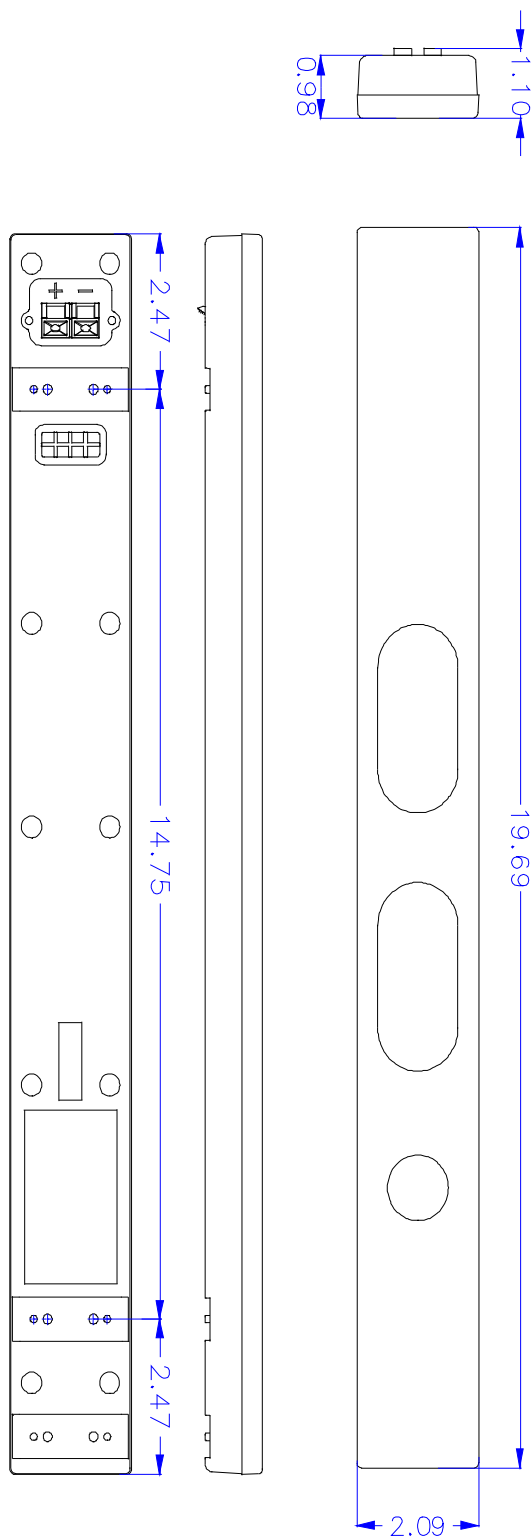
Optional Large Wall Mount (WMK-6598):



Optional Standard Wall Mount (WMK-3257):

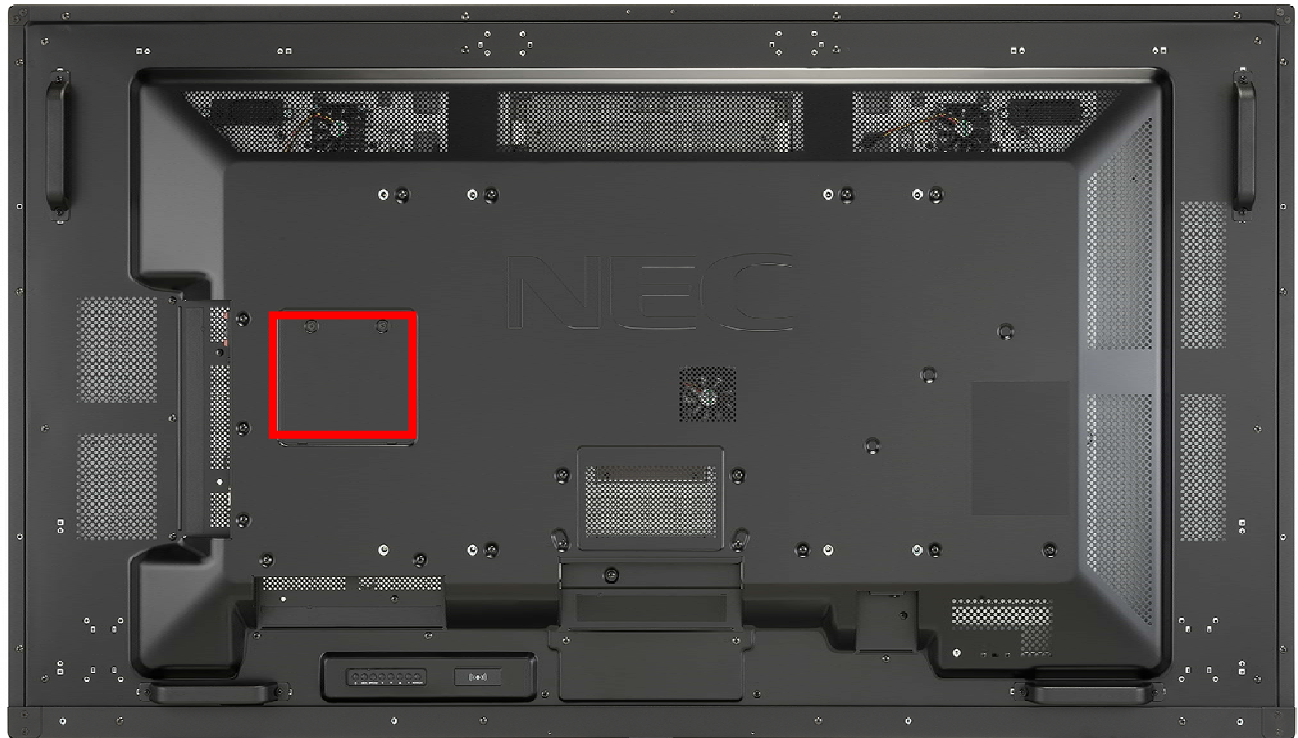


Optional Speaker Dimensions (SP-TF1)



Compute Module Integration:

- Door on the back of the display can be opened by loosening captive screws.
- Separate IO Board is necessary to accompany RPi Compute Module in unit



Input Panel:

Bottom



Side (Rotated)



ASCII Common Commands:

- This monitor supports common ASCII control commands with many other NEC projectors. For more information on this, please see our website.

Parameter

Input command

| Input signal name | Response | Parameter |
|-------------------|--------------|-----------------------------|
| DisplayPort1 | DisplayPort1 | DisplayPort1 or DisplayPort |
| DisplayPort2 | DisplayPort2 | DisplayPort2 |
| HDMI1 | hdmi1 | hdmi1 or hdmi |
| HDMI2 | hdmi2 | hdmi2 |
| HDMI3 | hdmi3 | hdmi3 |
| MP | mp | mp |
| OPTION | option | option |

Status command

| Response | Error status |
|--------------|--------------------------------|
| error:temp | Temperature abnormal |
| error:fan | Cooling fan abnormal |
| error:light | Inverter or backlight abnormal |
| error:system | System error |

Control Codes:

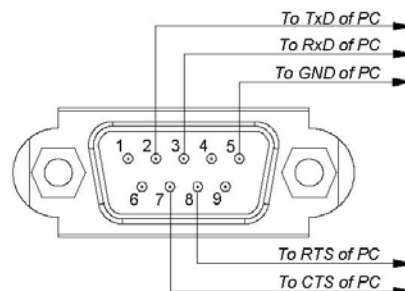
| Function (Monitor ID = 1) | Code Data |
|----------------------------------|--|
| Power ON | 01 30 41 30 41 30 43 02 43 32 30 33 44 36 30 30 30 31 03 73 0d |
| Power OFF | 01 30 41 30 41 30 43 02 43 32 30 33 44 36 30 30 30 34 03 76 0d |
| Input Source Select DisplayPort1 | 01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 46 03 04 0d or 01 30 41 30 45 30 41 02 31 31 30 36 30 30 30 46 03 04 0d |
| Input Source Select DisplayPort2 | 01 30 41 30 45 30 41 02 30 30 36 30 30 30 31 30 03 73 0d or 01 30 41 30 45 30 41 02 31 31 30 36 30 30 31 30 03 73 0d |
| Input Source Select HDMI1 | 01 30 41 30 45 30 41 02 30 30 36 30 30 30 31 31 03 72 0d or 01 30 41 30 45 30 41 02 31 31 30 36 30 30 31 31 03 72 0d |
| Input Source Select HDMI2 | 01 30 41 30 45 30 41 02 30 30 36 30 30 30 31 32 03 71 0d or 01 30 41 30 45 30 41 02 31 31 30 36 30 30 31 32 03 71 0d |
| Input Source Select HDMI3 | 01 30 41 30 45 30 41 02 30 30 36 30 30 30 38 32 03 78 0d or 01 30 41 30 45 30 41 02 31 31 30 36 30 30 38 32 03 78 0d |
| Input Source Select MP | 01 30 41 30 45 30 41 02 30 30 36 30 30 30 38 37 03 7D 0d or 01 30 41 30 45 30 41 02 31 31 30 36 30 30 38 37 03 7D 0d |
| Input Source Select OPTION | 01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 44 03 06 0d or 01 30 41 30 45 30 41 02 31 31 30 36 30 30 30 44 03 06 0d |
| Sound Mute ON | 01 30 41 30 45 30 41 02 30 30 38 44 30 30 30 31 03 09 0d |
| Sound Mute OFF | 01 30 41 30 45 30 41 02 30 30 38 44 30 30 30 32 03 0a 0d |

NOTE: Contact your NEC representative for codes not listed.

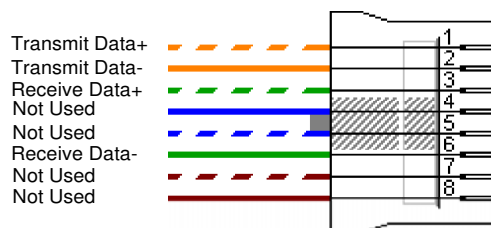
Cable Connection

Communication Protocol:

Interface: RS-232C
 Communication System: Asynchronous
 Baud Rate: 9600 bps
 Data Length: 8 bits
 Parity: None
 Stop Bit: 1 bit
 Communication Code: ASCII



Interface: Ethernet (CSMA/CD)
 Communication System: TCP/IP (Internet Protocol Suite)
 Communication Layer: Transport layer (TCP)
 IP Address: 192.168.0.10 (default out of box)
 Port Number: 7142 (Fixed)



Browser Control:

Information and control can also be available through the HTTP browser control menu.

In order to accomplish this, type: **http://<the Monitor's IP address>/pd_index.html**

Note that the LAN Power needs to be turned on in order for the display to be controlled while the units are off.

All displays are set to the IP address 192.168.0.10 out of the box

Communicating network PC needs to be on the same subnet as display that is being communicated with



HDMI1

- [HOME](#)
- [REMOTE CONTROL](#)
- [PICTURE](#)
- [ADJUST](#)
- [AUDIO](#)
- [SCHEDULE](#)
- [MULTI PICTURE CONTROL](#)
- [OSD](#)
- [MULTI DISPLAY](#)
- [DISPLAY PROTECTION](#)
- [EXTERNAL CONTROL](#)
- [ADVANCED OPTION1](#)
- [ADVANCED OPTION2](#)
- [NETWORK](#)
- [MAIL](#)
- [SNMP](#)
- [AMX](#)
- [CRESTRON](#)
- [NAME](#)
- [NETWORK PASSWORD](#)
- [PD LIST](#)
- [MEMO](#)
- [UPDATE FIRMWARE](#)
- [PORT](#)
- [UPDATE FIRMWARE\(ALL\)](#)

HOME

Welcome to the management and configuration web interface.
You can use the navigation menus on the left to access additional pages.

MONITOR INFORMATION

| | |
|------------|------------|
| MODEL NAME | |
| SERIAL | 45S00005TA |

FIRMWARE VERSION

| | |
|-----------|-------|
| FIRMWARE1 | 0.017 |
| FIRMWARE2 | 0.008 |
| FIRMWARE3 | 0.011 |
| FIRMWARE4 | 0.002 |

ETHERNET

| | |
|-----------------|-------------------|
| MAC ADDRESS | 58:C2:32:33:00:03 |
| IPv4 ADDRESS | 192.168.0.10 |
| SUBNET MASK | 255.255.255.0 |
| DEFAULT GATEWAY | 0.0.0.0 |
| DNS PRIMARY | 0.0.0.0 |
| DNS SECONDARY | 0.0.0.0 |

ID

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